

**Claims:**

1. A method in the manufacture of coating, in which method the coating is manufactured by mixing together two or more components, **characterised in that**  
5 the mixing of components is carried out by mixing two or more components in two or more mixing zones arranged in series and/or in parallel, of which at least some are pressurised at the pressure level about 100-1000 kPa.
2. A method according to Claim 1, **characterised in that** the pressure level in a  
10 mixing zone is preferably about 200-500 kPa.
3. A method according to Claim 1 or 2, **characterised in that** the components to be mixed are in a pressurised space also at least between the pressurised mixing zones.
- 15 4. A method according to Claim 3, **characterised in that** in the method a mixing arrangement is used, which is pressurised from the component feeding pumps to the machine container.
- 20 5. A method according to any of the above mentioned Claims, **characterised in that** at least one of the components to be mixed is led to the mixing zone through a deaeration means.
- 25 6. A method according to any of the above mentioned Claims, **characterised in that** the temperature of the coating is controlled with a temperature control system arranged in connection with one or more mixing zones.
7. A method according to any of the above mentioned Claims, **characterised in that** the components mixed in one or more mixing zones are fed to a pressure screen.

8. A method according to any of the above mentioned Claims, **characterised in that** the components mixed in one or more mixing zones are fed to a separator, into which an underpressure of approximately 0.5-50 kPa and preferably approximately 2-15 kPa is arranged.

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9. A method according to Claim 8, **characterised in that** from the separator the mixture is transferred for screening and from the screening it is further transferred to the coating station.

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10. A method according to any of the above mentioned Claims, **characterised in that** the properties of the mixture and/or a part of the mixture formed by the mixed components are measured with one or more measurement devices arranged after at least one mixing zone.

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11. An arrangement in the manufacture of coating, which comprises at least means for transferring and mixing the coating components, **characterised in that** the means for mixing the components are arranged to two or more serial and/or parallel mixing zones, of which at least some are pressurised to a pressure level approximately 100-1000 kPa.

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12. An arrangement according to Claim 11, **characterised in that** into the mixing zone a pressure level has been arranged, which preferably approximately 200-500 kPa.

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13. An arrangement according to Claim 11 or 12, **characterised in that** the arrangement is also pressurised between the mixing zones.

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14. An arrangement according to any of Claims 11-13 **characterized in that** there are means comprised for removing and/or reducing air from one or more components being fed to a mixing zone.